

Pipette Calibration Worksheet

Date: 01/03/12

Pipette Model: VWR Brand

ID or Serial Number: 341443982

Actual Pipette Range (uL): 100

Actual Water Temperature (oC): 23

Pass or Fail Inspection for tip Leak: Pass (If Fail, Stop and perform Maintenance).

Date and Maintenance performed: _____

Volume Tested

Acceptance Range:

Rep 1

Rep 2

Rep 3

Rep 4

Rep 5

Average

SD

%CV

Tolerance Specific: $\leq 3\%$

| 10 | uL | 50 | uL |
|-----------------|----|------------------|----|
| 0.0097 - 0.0103 | g | 0.04850 - 0.0515 | g |
| 0.0098 | g | 0.0499 | g |
| 0.0101 | g | 0.0499 | g |
| 0.0102 | g | 0.0496 | g |
| 0.0101 | g | 0.0508 | g |
| 0.0100 | g | 0.0495 | g |
| 0.0100 | | 0.0499 | |
| 0.0002 | | 0.0005 | |
| 1.5105 | | 1.0269 | |

Analyst: DXF

| TEMPERATURE | DENSITY |
|-------------|----------|
| (oC) | (g/mL) |
| 20 | 0.998234 |
| 21 | 0.998022 |
| 22 | 0.997801 |
| 23 | 0.997569 |
| 24 | 0.997327 |
| 25 | 0.997075 |
| 26 | 0.996814 |
| 27 | 0.996544 |
| 28 | 0.996264 |

100 uL

0.0970 - 0.1030 g

| | |
|--------|---|
| 0.0983 | g |
| 0.0990 | g |
| 0.0990 | g |
| 0.0981 | g |
| 0.0998 | g |

0.0988

0.0007

0.6810